

Do Not Scale.
All Figured Dimensions To Be Checked On Site Prior To Construction.
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DRAWING TO BE READ IN CONJUNCTION WITH THE INSTALLATION SPECIFICATION AND ALL OTHER RELEVANT DRAWINGS.

ALL WIRING AND ELECTRICAL WORKS TO BE INSTALLED IN ACCORDANCE WITH BS7671 THE IET WIRING REGULATIONS 18th EDITION & LATEST AMENDMENTS.

THIS ELECTRICAL DESIGN IS BASED ON THE ASSUMPTION THAT THIS INSTALLATION WILL BE MANAGED BY A "SKILLED PERSON" AND USED BY "INSTRUCTED PERSONS" AS DESCRIBED IN BS7671 THE IET WIRING REGULATIONS 18th EDITION. THE INSTALLATION SHOULD BE MANAGED IN A SAFE SYSTEM OF WORKING AS LAID DOWN IN THE ELECTRICITY AT WORK ACT 1989 WITH GUIDANCE FROM BS EN 50110-1:2013 OPERATION OF ELECTRICAL INSTALLATION.

ALL CABLING AND CONTAINMENT TO BE LSZH TO BS EN 50267-2-1, BASED MARKED AND BS EN 50525-3-11 COMPLIANT.

ALL CABLING TO BE ADEQUATELY SUPPORTED AGAINST PREMATURE COLLAPSE IN THE EVENT OF FIRE.

ALL EARTHING AND BONDING SHALL BE PROVIDED IN ACCORDANCE WITH BS7671 THE IET WIRING REGULATIONS 18th EDITION & LATEST AMENDMENTS.

ALL WIREWAYS TO BE CONCEALED WITHIN THE BUILDING FABRIC. ALSO ALL EQUIPMENT AND ACCESSORIES TO BE RECESSED IN WALLS IF A FLUSH INSTALLATION UNDER NO CIRCUMSTANCES WILL SURFACE WIRING BE ACCEPTED.

WALL MOUNTED SOCKET OUTLETS, TELEPHONE POINTS AND TV SOCKETS ARE LOCATED BETWEEN 400mm AND 1000mm AFFL, WITH A PREFERENCE FOR THE LOWER END OF THE RANGE.

SWITCHES FOR PERMANENTLY WIRED APPLIANCES ARE LOCATED BETWEEN 400mm AND 1200mm AFFL, UNLESS NEEDED AT A HIGHER LEVEL FOR PARTICULAR APPLIANCES.

ALL SWITCHES AND CONTROLS THAT REQUIRE PRECISE HAND MOVEMENTS ARE LOCATED BETWEEN 750mm AND 1200mm AFFL.

SIMPLE PUSH BUTTON CONTROLS THAT REQUIRE LIMITED DEXTERITY ARE NOT MORE THAN 1200mm AFFL.

PULLCORDS FOR EMERGENCY ALARM SYSTEMS ARE COLOURED RED. LOCATED AS CLOSE TO A WALL AS POSSIBLE, AND HAVE TWO RED 50mm DIAMETER BANGLES, ONE SET AT 100mm AND THE OTHER SET BETWEEN 800mm AND 1000mm AFFL.

CONTROLS THAT NEED CLOSE VISION ARE LOCATED BETWEEN 1200mm AND 1400mm AFFL SO THAT READINGS MAY BE TAKEN BY A PERSON SITTING OR STANDING (WITH THERMOSTATS AT THE TOP OF THE RANGE).

SOCKET OUTLETS ARE LOCATED CONSISTENTLY IN RELATION TO DOORWAYS AND ROOM CORNERS BUT IN ANY CASE NO NEARER THAN 350mm FROM ROOM CORNERS.

LIGHT SWITCHES FOR USE BY THE GENERAL PUBLIC HAVE LARGE PUSH PADS AND ALIGN HORIZONTALLY WITH DOOR HANDLES WITHIN THE RANGE 900mm TO 1100mm FOR EASE OF LOCATION WHEN ENTERING A ROOM.

WHERE SWITCHES DESCRIBED ABOVE CANNOT BE PROVIDED, LIGHTING PULLCORDS ARE SET BETWEEN 900mm AND 1100mm AFFL AND FITTED WITH A 50mm DIAMETER BANGLE VISUALLY CONTRASTING WITH ITS BACKGROUND AND DISTINGUISHABLE VISUALLY FROM ANY EMERGENCY ASSISTANCE PULLCORD.

THE OPERATION OF SWITCHES, OUTLETS AND CONTROLS DOES NOT REQUIRE THE SIMULTANEOUS USE OF BOTH HANDS, EXCEPT WHERE THIS MODE OF OPERATION IS NECESSARY FOR SAFETY REASONS.

SWITCHED SOCKET OUTLETS INDICATE WHETHER THEY ARE 'ON'.

MAINS AND CIRCUIT ISOLATOR SWITCHES CLEARLY INDICATE THAT THEY ARE 'ON' OR 'OFF'.

FRONT PLATES CONTRAST VISIBLY WITH THEIR BACKGROUNDS.

WHERE THE COMMUNICATIONS CABLE CONTAINMENT SYSTEM REQUIRED TO PASS OVER ANY POWER CABLES etc. THEY SHALL CROSS AT 90° AND SHALL BE SEPARATED BY AN EARTH BONDED METALLIC BRIDGE.

THERE MUST BE A MINIMUM OF 100mm SEGREGATION BETWEEN COMMUNICATIONS CONTAINMENT SYSTEMS AND POWER CABLES CONTAINMENT SYSTEMS.

EQUIPMENT ON COLUMNS TO BE FULLY FIRE PROTECTED BY BUILDER.

ALL SERVICES/ROUTES THROUGHOUT BUILDING TO BE FULLY CO-ORDINATED ON SITE PRIOR TO INSTALLATION.

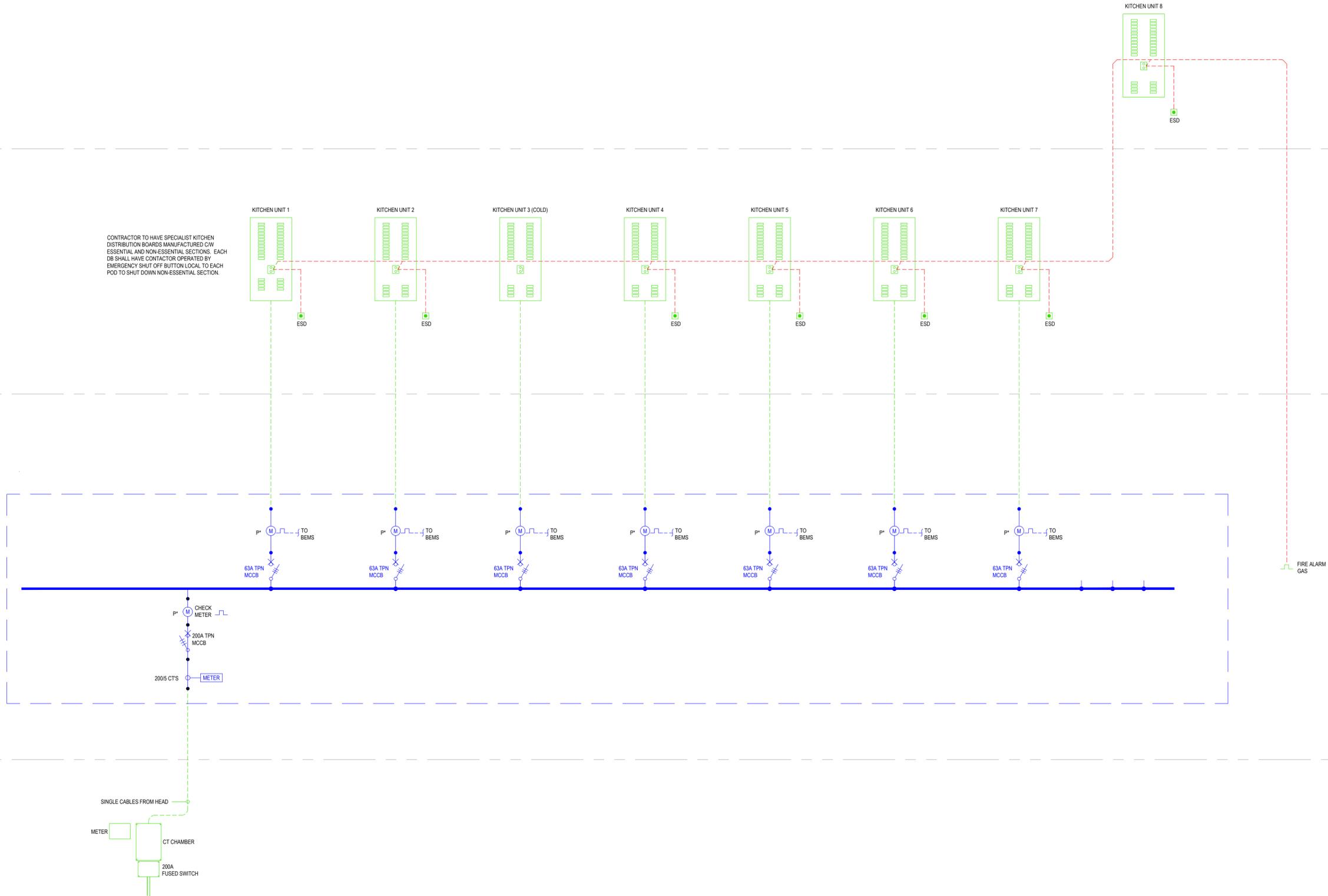
MEZZANINE +1

GROUND FLOOR 0

SUB BASEMENT -1

SUB BASEMENT -2

CONTRACTOR TO HAVE SPECIALIST KITCHEN DISTRIBUTION BOARDS MANUFACTURED C/W ESSENTIAL AND NON-ESSENTIAL SECTIONS. EACH DB SHALL HAVE CONTACTOR OPERATED BY EMERGENCY SHUT OFF BUTTON LOCAL TO EACH POD TO SHUT DOWN NON-ESSENTIAL SECTION.



A	TENDER ISSUE	MK	01/10/2018
REV	DETAILS	BY	APP DATE

CLIENT: **STREATMARKETS LTD**

PROJECT: **CENTRE POINT, LINK BLDG, W1**
DRAWING TITLE: **MAIN DB2**
MAINS ELECTRICAL SCHEMATIC

DRAWN BY: M.KNOTT	APPROVED BY:	DATE: SEP'18
PROJECT No.: L2171	DRAWING No.: E022	SCALE: N.T.S.



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